STATINTL

PROGRESS REPORT NO. 5

Report Period 2/1/66 - 2/28/66

MULTIPURPOSE DATA BLOCK READER

This document has been prepared in accordance with the requirements of

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Submitted by:

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A. CURRENT STATUS

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During February, a meeting was held with the Customer to review the technical and financial status of the program and to accomplish the transition in program management from [redacted] All other personnel assignments relative to this program have been maintained.

The assigned work areas during the past month have included:

a) ECP Logic Design - the detailed logic for both the printer and the new data formats has been started and will be completed during March.

b) Logic Wire Lists, Original System - Complete

c) Logic Cage Wiring - All required materials have been received and the wiring has started. The wiring will be completed and testing started during March. Changes necessitated by the ECP logic will be incorporated as received.

d) Logic Card Test - complete

e) Read Amplifier P.C. Board Procurement - complete

f) Read Amplifier Card Fabrication - This work has started and will be completed during March

g) Read Head Assembly - This work is continuing and will be completed during March.

B. PROBLEM AREAS

All dimensions associated with the data block formats of the ECP are listed as typical. To proceed with the logic design, a ± 1 mil non-cumulative tolerance has been assumed relative to the 12, 20, 40 and 52 mil dimensions of the data block. A tolerance analysis will be conducted with the logical design.

An original procedure is being prepared to test the 1:1 lens which is optimized for characteristics in the infrared region and therefore not compatible with normal visual test techniques.

C. PROJECTED WORK

The work assignments during March will include:

1. Completion of ECP logic and wire lists
2. Completion of assembly and test of read amplifiers
3. Completion of cage wiring
4. Test and start integration of 1:1 relay lens.
5. Finalize specification and order reduction lens.
6. Start control panel layout
7. Start tray testing
8. Establish interface and formats for printer.
9. Establish format for Design Report

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